

**DESCRIPTION**

**Source** *E. coli*-derived  
Asp28 - Arg212, with an N-terminal Met  
Accession # NP\_005238

**N-terminal Sequence Analysis** Met

**Predicted Molecular Mass** 21.1 kDa

**SPECIFICATIONS**

**Activity** Measured in a cell proliferation assay using NR6R-3T3 mouse fibroblast cells. Rizzino, A. *et al.* (1988) *Cancer Res.* **48**:4266; Thomas, K. *et al.* (1987) *Methods Enzymol.* **147**:120.  
The ED50 for this effect is typically 0.02-0.1 µg/mL in the presence of 1 µg/mL of heparin.

**Endotoxin Level** <0.01 EU per 1 µg of the protein by the LAL method.

**Purity** >97%, by SDS-PAGE under reducing conditions and visualized by silver stain.

**PREPARATION AND STORAGE**

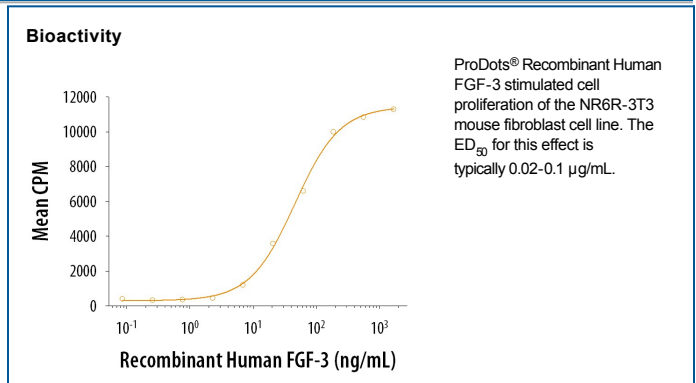
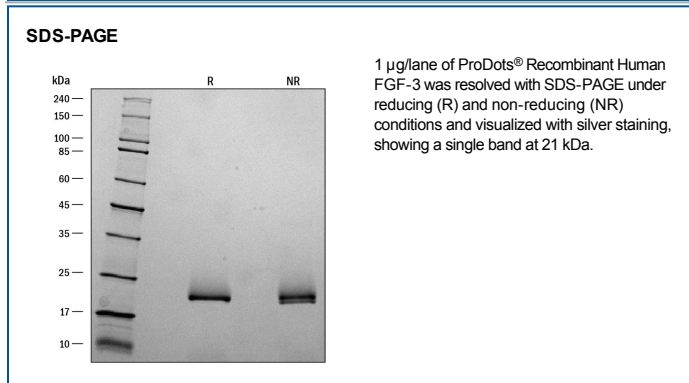
**Reconstitution** For a stock solution, reconstitute at 100 µg/mL in sterile PBS, or simply roll ProDot® directly to the medium for immediate use.

**Shipping** The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

**Stability & Storage** **Use a manual defrost freezer and avoid repeated freeze-thaw cycles.**

- 6 months from date of receipt at room temperature.
- 12 months from date of receipt at 2-8 °C as supplied.
- 1 month at 2-8 °C under sterile conditions after reconstitution.
- 3 months at -20 to -80 °C under sterile conditions after reconstitution.

**DATA**



**PRODUCT SPECIFIC NOTICES**

726890.0